



#3

Novel calcium-binding protein.ST25.txt  
SEQUENCE LISTING

<110> Hitomi, Jiro  
Yamaguchi, Ken  
Yamamura, Tokujiro  
Kimura, Tatsuji

<120> Calcium-binding protein

<130> 10472-AAK01

<140> 09/910208

<141> 2001-07-20

<160> 2

<170> PatentIn version 3.1

<210> 1

<211> 429

<212> DNA

<213> calcium-binding protein

<220>

<221> exon

<222> (48)..(323)

<223> Amino acid sequence of calcium-binding protein from bovine amni  
ot  
ic fluid

<400> 1

ctggcattcc acacttctgt gcagaggggt gaacgtagtt tggtaaa atg act aag .  
56

Met Thr Lys

1

ctg gaa gat cac ctg gag gga atc atc aac atc ttc cac cag tac tcc  
04

Leu Glu Asp His Leu Glu Gly Ile Ile Asn Ile Phe His Gln Tyr Ser

5

10

15

gtt cgg gtg ggg cat ttc gac acc ctc aac aag cgt gag ctg aag cag  
52

1

Novel calcium-binding protein.ST25.txt

Val Arg Val Gly His Phe Asp Thr Leu Asn Lys Arg Glu Leu Lys Gln

20 25 30 35

ctg atc aca aag gaa ctt ccc aaa acc ctc cag aac acc aaa gat caa 2

00

Leu Ile Thr Lys Glu Leu Pro Lys Thr Leu Gln Asn Thr Lys Asp Gln

40 45 50

cct acc att gac aaa ata ttc caa gac ctg gat gcc gat aaa gac gga 2

48

Pro Thr Ile Asp Lys Ile Phe Gln Asp Leu Asp Ala Asp Lys Asp Gly

55 60 65

gcc gtc agc ttt gag gaa ttc gta gtc ctg gtg tcc agg gtg ctg aaa 2

96

Ala Val Ser Phe Glu Glu Phe Val Val Leu Val Ser Arg Val Leu Lys

70 75 80

aca gcc cac ata gat atc cac aaa gag taggaagctc tttccagcaa 3

43

Thr Ala His Ile Asp Ile His Lys Glu

85 90

tgtccccaag aagacttacc cttctcctcc ctgaggctgc cttaccogag ggaagagaga 4

03

attaataaac gtactttggc aaagtt 4

29

<210> 2  
<211> 440  
<212> DNA  
<213> humab calcium-binding protein

<220>  
<221> exon  
<222> (22)..(297)

Novel calcium-binding protein.ST25.txt

<223> Deduced amino acid sequence for human calcium-binding protein.

<400> 2

ggttaacatt aggctgggaa g atg aca aaa ctt gaa gag cat ctg gag gga  
51

Met Thr Lys Leu Glu Glu His Leu Glu Gly

1

5

10

att gtc aat atc ttc cac caa tac tca gtt cgg aag ggg cat ttt gac  
99

Ile Val Asn Ile Phe His Gln Tyr Ser Val Arg Lys Gly His Phe Asp

15

20

25

acc ctc tct aag ggt gag ctg aag cag ctg ctt aca aag gag ctt gca  
47

Thr Leu Ser Lys Gly Glu Leu Lys Gln Leu Leu Thr Lys Glu Leu Ala

30

35

40

aac acc atc aag aat atc aaa gat aaa gct gtc att gat gaa ata ttc  
95

Asn Thr Ile Lys Asn Ile Lys Asp Lys Ala Val Ile Asp Glu Ile Phe

45

50

55

caa ggc ctg gat gct aat caa gat gaa cag gtc gac ttt caa gaa ttc  
43

Gln Gly Leu Asp Ala Asn Gln Asp Glu Gln Val Asp Phe Gln Glu Phe

60

65

70

ata tcc ctg gta gcc att gcg ctg aag gct gcc cat tac cac acc cac  
91

Ile Ser Leu Val Ala Ile Ala Leu Lys Ala Ala His Tyr His Thr His

75

80

85

90

aaa gag taggtagctc tctgaagctt tttaccagc aatgtcctca atgagggtct  
47

3

Novel calcium-binding protein.ST25.txt

Lys Glu

tttctttccc tcaccaaaac ccagccttgc ccgtggggag taagagttaa taaacacact 4  
07

cacgaaaagt taaaaaaaaa aaaaaaaaaat tct 4  
40